

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Fisheries and Aquatic Research</a>
Manuscript Number:	Ms_AJFAR_130548
Title of the Manuscript:	Effect of substitution of fish meal by cricket meal ( <i>Acheta domesticus</i> ) on the growth of fry of <i>Oreochromis niloticus</i> (Linnaeus, 1758)
Type of the Article	

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guidelines for the Peer Review process, reviewers are requested to

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### **PART 1:** Comments

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> ( <i>Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here</i> )
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	The study addresses a pressing issue in aquaculture— identifying sustainable alternatives to fishmeal. This is essential given the environmental and economic challenges associated with fishmeal production.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>YES</b>	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	<b>YES</b>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	YES	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	YES	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	YES	

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<b>Optional/General</b> comments	<b>Recommendations for Improvement</b> <ol style="list-style-type: none"><li>1. A 45-day trial is insufficient to assess long-term impacts on growth, reproduction, and health of the fry.</li><li>2. Testing only two diets (100% fishmeal and 100% cricket meal) is a significant limitation. Including intermediate substitution levels would provide insights into optimal inclusion rates.</li><li>3. Although the manuscript describes the study environment, it lacks details on water quality parameters (e.g., dissolved oxygen, ammonia levels), which could influence the results.</li><li>4. Future studies should include diets with varying levels of cricket meal substitution (e.g., 25%, 50%, 75%) to identify the optimal inclusion level.</li><li>5. Provide a detailed nutritional breakdown of the experimental diets, including amino acid profiles and digestibility coefficients.</li><li>6. Conduct longer trials to evaluate the sustainability of cricket meal-based diets over the entire production cycle of tilapia.</li><li>7. Include a cost-benefit analysis comparing the production and use of cricket meal versus fishmeal.</li><li>8. Replicate the study under different environmental and rearing conditions to ensure the generalizability of the results.</li></ol>	<p>I have taken full note of the comments, the present study has been completed but I will take the comments into consideration for future studies.</p>
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### PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	